



PATENT
Attorney Docket No.: SAM-0313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Soo-geun Lee, *et al.*
Serial No.: 10/081,661
Filing Date: February 22, 2002
Title: METHOD OF MANUFACTURING INTERCONNECTION LINE IN SEMICONDUCTOR DEVICE

Examiner: Nguyen, H.
Group Art Unit: 2812

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5-19-04

Date

Vanessa Marakas

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☒ under 37 CFR 1.97(d) together with:
- ☒ a Statement under 37 CFR 1.97(e), as checked below, and
- ☒ the \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

05/24/2004 CNGUYEN 00000048 10081661

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Applicant(s): Soo-geun Lee, *et al.*
Serial No.: 10/081,661

Statement Under 37 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☒ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 CFR 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement under 36 CFR 1.98(a)(3)(i) for reference ____ is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ abstract.

It is requested the information disclosed herein be made of record in this application.

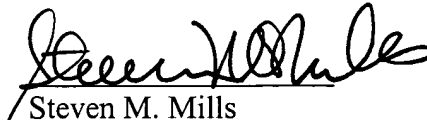
Applicant(s): Soo-geun Lee, *et al.*
Serial No.: 10/081,661

Method of payment:

- ☒ Enclosed is a check in the amount of \$180.00.
- ☐ Please charge Deposit Account of 50-1798 in the amount of _____.
- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: May 19, 2004
Mills & Onello, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
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Steven M. Mills
Registration Number 36,610
Attorney for Applicants

Subst. Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

SAM-0313

Application Number

10/081,661

Applicant

Soo-geun Lee, et al.

Filing Date

2-22-02

Group Art Unit

2812

U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK	6,461,955 B1	10/08/02	Tsu, et al.	438	618	03/09/00

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

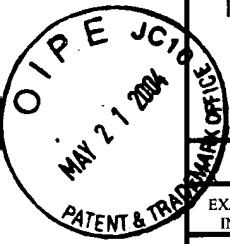
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

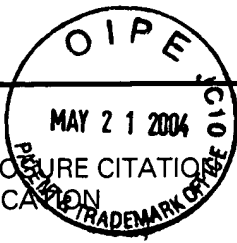
	AR	
	AS	S. Wolf and R.N. Tauber, Silicon Processing, Lattice Press, Vol. 1, Page 171
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.





Subst. Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

SAM-0313

Application Number

10/081,661

Applicant

Soo-geun Lee, *et al.*

Filing Date

2-22-02

Group Art Unit

2812

U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,458,705	10/01/02	Hung, <i>et al.</i>	438	692	06/06/01
	BB	6,509,267	01/21/03	Woo, <i>et al.</i>	438	687	06/20/01
	BC	2002/0009873	01/24/02	Usami	438	620	07/23/01
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							
	BQ							

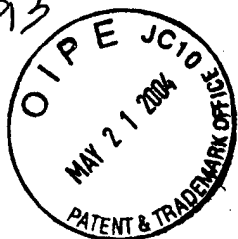
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	
	BS	
	BT	

EXAMINER

DATE CONSIDERED

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2812/13
PATENT
Attorney Docket No.: SAM-0313
Customer No.: 29344
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Vanessa Marakas

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Supplemental Information Disclosure Statement;
2. Forms PTO-1449 and copies of cited references AK, AS and BA-BC ;
3. Check in the amount of \$180.00 to cover fee set forth in 37 C.F.R. 1.17(p); and
4. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date:

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